

PCT/EP2005/003157

Claims

1. A method of producing a mounting arrangement for mounting elements (5), in particular pull-out rails, on the plastic inner lining (1) of a thermally foam-insulated wall of a refrigerator and/or freezer, comprising the following steps:
 - a) fabricating the inner lining of plastic material with a receiving contour (15, 115) which is shaped such that on at least three sides it at least partly corresponds to the outer contour of the element (5) to be mounted, so that the element (5) to be mounted can be received by the receiving contour (15, 115),
 - b) inserting the element (5) to be mounted into the receiving contour (15, 115), and
 - c) foaming a thermal foam insulation (3) on the back of the plastic inner lining (1).
2. A method of producing a mounting arrangement for mounting elements (5), in particular pull-out rails, on the plastic inner lining (1) of a thermally foam-insulated wall of a refrigerator and/or freezer, comprising the following steps:
 - a) inserting the element (5) to be mounted into a deep-drawing tool for deep-drawing the plastic inner lining (1) made of plastic material.
 - b) fabricating the inner lining (1) by at least partly reproducing the element (5) to be mounted for forming a receiving contour (15, 115) in the plastic inner lining (1) for the element (5) to be mounted, and
 - c) foaming a thermal foam insulation (3) on the back of the plastic inner lining (1).

3. The method as claimed in any of claims 1 or 2, in which the receiving contour (15) is fabricated with an undercut such that it can at least partly enclose and thus fix the element (5) to be mounted.
4. The method as claimed in any of claims 1 to 3, in which one or more snap-in cups (21) are formed in the back of the receiving contour (15, 115), preferably during the step of manufacturing the inner lining.
5. A method of producing a mounting device as claimed in any of claims 1 to 4, in which during the step of manufacturing the inner lining the receiving contour (15, 115) is formed with a depth which corresponds to the depth of the element (5) to be mounted.
6. A method of mounting elements (5), in particular pull-out rails, on the plastic inner lining (1) of a thermally foam-insulated wall of a refrigerator and/or freezer, comprising the following steps:
 - a) fabricating the inner lining of plastic material with a receiving contour (15) which is shaped such that it at least partly corresponds to the outer contour of the element (5) to be mounted, and is formed with an undercut such that it can at least partly enclose the element (5) to be mounted,
 - b) clipping the element (5) to be mounted into the undercut receiving contour (15), and
 - c) foaming a thermal foam insulation (3) on the back of the plastic inner lining (1).
7. A method of mounting elements (5), in particular pull-out rails, on the plastic inner lining (1) of a thermally foam-insulated wall of a refrigerator and/or freezer, comprising the following steps:
 - a) inserting the element (5) to be mounted into a manufacturing tool for manufacturing the plastic inner lining (1) of plastic material,

- b) fabricating the inner lining (1) by at least partly reproducing the element (5) to be mounted for forming a receiving contour (15) in the plastic inner lining (1), which is shaped with an undercut such that it at least partly encloses the element (5) to be mounted, and
- c) foaming a thermal foam insulation (3) on the back of the plastic inner lining.

8. The method as claimed in any of claims 1 to 7, in which the step of manufacturing the inner lining comprises a drawing process, preferably a deep-drawing process.

9. The method as claimed in any of claims 1 to 7, in which the process of manufacturing the inner lining comprises an injection molding process.

10. A mounting arrangement for mounting elements, in particular pull-out rails, on the inner lining (1) of a thermally foam-insulated wall of a refrigerator and/or freezer, comprising a receiving contour (15, 115) in the inner lining (1) of the refrigerator and/or freezer, which at least partly corresponds to the outer contour of the element (5) to be mounted, such that it can positively and/or non-positively receive the element (5) to be mounted.

11. The mounting arrangement as claimed in claim 10, in which the receiving contour (15) comprises an undercut which at least partly encloses and thus fixes the element (5) to be mounted.

12. The mounting arrangement as claimed in any of claims 10 or 11, in which the receiving contour (115) additionally comprises one or more snap-in cups (21).

13. The mounting arrangement as claimed in any of claims 10 to 12, in which the receiving contour (15, 115) has a depth which corresponds to the depth of the element (5) to be mounted.

14. The mounting arrangement as claimed in any of claims 10 to 13, in which the element to be mounted is a pull-out rail (5).

15. The mounting arrangement as claimed in claim 14, in which the receiving contour (15, 115) rests against the pull-out rail (5) on at least three sides and comprises at least one pull-out stop which prevents the pull-out rail (5) from being shifted in pull-out direction.
16. A refrigerator and/or freezer comprising at least one pull-out tray or pull-out drawer, which tray or drawer is mounted on pull-out rails (5) so that it can be pulled out, wherein the pull-out rails (5) are mounted on the inner lining (1) of the refrigerator and/or freezer by means of a mounting arrangement as claimed in any of claims 10 to 15 or by means of a method as claimed in any of claims 6 or 7.